

## CLAIMS

What I claim is:

1. A storm shutter assembly for mounting on an exterior portion of a  
5 building to protect window or door openings from high winds, flying debris and  
rain, said storm shutter assembly comprising:

at least two corrugated metal panels, each of said metal panels having  
opposing obliquely projecting lateral wing portions, said metal panels each  
defining a width dimension;

10 at least one corrugated transparent plastic panel, said plastic panel having  
a width dimension of approximately one-half the width dimension of said metal  
panels;

means for securely mounting said at least two metal panels and said at  
least one plastic panel to a building structure over a window or door opening in a  
15 mounted configuration wherein each plastic panel is disposed between two  
laterally adjacent metal panels in a partially overlapping configuration, and  
wherein said metal panels are sandwiched between said at least one plastic  
panel and the exterior of the building such that said wing portions are disposed in  
supporting contact with said plastic panel.

20

2. A storm shutter assembly for mounting on an exterior portion of a  
building structure according to claim 1, wherein said obliquely projecting lateral  
wing portions each have a length of at least 1.5 inches.

3. A storm shutter assembly for mounting on an exterior portion of a building structure according to claim 1, wherein said transparent panels are polycarbonate.

5 4. A shutter assembly for mounting on an exterior portion of a building structure according to claim 1, wherein said means for securely mounting said panels to a building includes threaded fasteners received through apertures in said panels and affixed to said building.

10 5. A storm shutter assembly for mounting on an exterior portion of a building structure to protect window or door openings from high winds, flying debris and rain, said storm shutter assembly comprising:

15 a plurality of corrugated metal panels, each of said metal panels having a width dimension, each of said metal panels terminating in opposing obliquely projecting lateral wings, each of said wings having a length of at least 1.5";

at least one corrugated transparent plastic panel having a width dimension of approximately one-half the width dimension of said metal panels;

20 means for securely mounting said at least two metal panels and said at least one plastic panel to a building structure over a window or door opening in a mounted configuration wherein each plastic panel is disposed between laterally opposing metal panels in a partially overlapping configuration, and wherein said metal panels are sandwiched between said at least one plastic panel and the exterior of the building such that said metal panel wings provide reinforcement for each of said plastic panels.